

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010806.D
 Acq On : 14 Jun 2019 11:17
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 1:23:09 PM

Quant Time: Jun 14 15:57:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160750	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140113	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	7.88	113	113267	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	
50) Toluene-d8	10.32	98	476223	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	172056	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	95055	42.539	ug/l	99
3) Chloromethane	2.21	50	142485	43.340	ug/l	100
4) Vinyl Chloride	2.36	62	132243	43.537	ug/l	99
5) Bromomethane	2.76	94	71721	42.998	ug/l	98
6) Chloroethane	2.92	64	81516	44.709	ug/l	98
7) Trichlorofluoromethane	3.26	101	191869	48.662	ug/l	99
8) Diethyl Ether	3.69	74	62992	44.705	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118106	48.721	ug/l	99
10) Methyl Iodide	4.27	142	108799	44.186	ug/l	98
11) Tert butyl alcohol	5.18	59	52860	227.657	ug/l	97
12) 1,1-Dichloroethene	4.04	96	111765	47.795	ug/l	97
13) Acrolein	3.90	56	24798	261.358	ug/l	99
14) Allyl chloride	4.67	41	259568	50.342	ug/l	99
15) Acrylonitrile	5.37	53	147054	214.819	ug/l	100
16) Acetone	4.13	43	186361	244.030	ug/l	98
17) Carbon Disulfide	4.38	76	337456	45.459	ug/l	98
18) Methyl Acetate	4.67	43	69159	42.070	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	302664	44.876	ug/l	99
20) Methylene Chloride	4.92	84	123701	46.173	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	128481	48.399	ug/l	95
22) Diisopropyl ether	6.31	45	507124	49.127	ug/l	99
23) Vinyl Acetate	6.26	43	1469673	235.915	ug/l	99
24) 1,1-Dichloroethane	6.22	63	256199	49.525	ug/l	99
25) 2-Butanone	7.17	43	238281	225.017	ug/l	95
26) 2,2-Dichloropropane	7.17	77	225542	53.579	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	140952	48.248	ug/l	96
28) Bromochloromethane	7.51	49	119565	51.790	ug/l	96
29) Tetrahydrofuran	7.53	42	138620	208.116	ug/l	98
30) Chloroform	7.68	83	232743	49.188	ug/l	100
31) Cyclohexane	7.95	56	266302	46.309	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	209443	50.672	ug/l	100
36) 1,1-Dichloropropene	8.08	75	199232	49.622	ug/l	100
37) Ethyl Acetate	7.26	43	95749	43.036	ug/l	100
38) Carbon Tetrachloride	8.07	117	176619	50.958	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	247946	48.579	ug/l	99
40) Benzene	8.32	78	534139	48.766	ug/l	100
41) Methacrylonitrile	7.48	41	64042	48.427	ug/l	94
42) 1,2-Dichloroethane	8.40	62	165129	47.501	ug/l	99
43) Isopropyl Acetate	8.43	43	188783	43.920	ug/l	99
44) Trichloroethene	9.09	130	131494	48.668	ug/l	99
45) 1,2-Dichloropropane	9.37	63	141977	48.967	ug/l	99
46) Dibromomethane	9.46	93	61746	45.849	ug/l	99
47) Bromodichloromethane	9.65	83	172435	49.395	ug/l	98
48) Methyl methacrylate	9.43	41	93281	45.011	ug/l	99
49) 1,4-Dioxane	9.45	88	16791	797.475	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	478484	217.901	ug/l	99
52) Toluene	10.39	92	328859	48.798	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	180141	48.719	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	217066	49.889	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88019	45.369	ug/l	99
56) Ethyl methacrylate	10.65	69	134350	45.004	ug/l	97
57) 1,3-Dichloropropane	10.93	76	168751	46.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	395232	252.769	ug/l	99
59) 2-Hexanone	10.97	43	353097	222.492	ug/l	98
60) Dibromochloromethane	11.13	129	102024	47.439	ug/l	99
61) 1,2-Dibromoethane	11.24	107	82306	44.776	ug/l	99
64) Tetrachloroethene	10.86	164	109002	48.135	ug/l	96
65) Chlorobenzene	11.66	112	330033	49.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116857	50.332	ug/l	100
67) Ethyl Benzene	11.73	91	654279	50.760	ug/l	99
68) m/p-Xylenes	11.84	106	462951	100.332	ug/l	99
69) o-Xylene	12.16	106	216422	49.455	ug/l	97
70) Styrene	12.18	104	373180	49.089	ug/l	99
71) Bromoform	12.35	173	55008	45.812	ug/l	98
73) Isopropylbenzene	12.46	105	618298	51.185	ug/l	99
74) N-amyl acetate	12.27	43	179695	46.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	101988	44.349	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	91015m	53.916	ug/l	
77) Bromobenzene	12.75	156	128785	48.841	ug/l	98
78) n-propylbenzene	12.80	91	745109	51.155	ug/l	100
79) 2-Chlorotoluene	12.90	91	425525	51.135	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	500134	50.583	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34805	47.387	ug/l	99
82) 4-Chlorotoluene	12.99	91	435260	50.685	ug/l	99
83) tert-Butylbenzene	13.21	119	428299	51.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	501378	50.391	ug/l	99
85) sec-Butylbenzene	13.38	105	623453	51.030	ug/l	100
86) p-Isopropyltoluene	13.50	119	550047	50.345	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252456	49.647	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	247505	49.097	ug/l	99
89) n-Butylbenzene	13.83	91	559394	51.316	ug/l	99
90) Hexachloroethane	14.10	117	103221	52.756	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	221856	48.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17820	45.125	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.14	180	160558	50.033	ug/l	99
94) Hexachlorobutadiene	15.24	225	102932	51.108	ug/l	98
95) Naphthalene	15.37	128	274078	47.008	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	137314	50.314	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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